

In the Specification:

Page 26, Table 1, line 7, after "Fig. 2" insert

-- [SEQ ID NO:1] --;

line 9, after "Fig. 3", insert

-- [SEQ ID NO:2] --;

line 11, after "Fig. 4", insert

-- [SEQ ID NO:4] --;

line 13, after "Fig. 5", insert

-- [SEQ ID NO:5] --; and

line 15, after "Fig. 6", insert

-- [SEQ ID NO:6] --.

Page 28, Table 2, line 7, after "Fig. 7", insert

-- [SEQ ID NO:8] --;

line 9, after "Fig. 8", insert

-- [SEQ ID NO:9] --;

line 11, after "Fig. 9", insert

-- [SEQ ID NO:11] --;

line 13, after "Fig. 10", insert

-- [SEQ ID NO:12] --;

line 15, after "Fig. 11", insert

-- [SEQ ID NO:13] --; and

line 17, after "Fig. 12", insert

-- [SEQ ID NO:15] --.

Page 29, line 23, before "sequences", insert

-- [SEQ ID NO:17] --.

Page 43, line 4, after "GAG CT", insert
-- [SEQ ID NO:18];
line 4, after "GGG GG", insert
-- [SEQ ID NO:19] --
line 6, after "GCC", insert
-- [SEQ ID NO:20] --;
line 7, after "TTT TTA TC", insert
-- [SEQ ID NO:21] --;
line 10, after "AGG GC", insert
-- [SEQ ID NO:22] --; and
line 11, after "GTT CG", insert
-- [SEQ ID NO:23] --.

In the Drawing:

Please amend original Figs. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 individually as shown in red ink by enclosed Substitute Figs. 2-13 respectively.

Applicants also respectfully request and direct that the enclosed second paper form copy of the "Sequence Listing" containing disclosures of nucleotide sequences and/or amino acid sequences be formally entered into and be made officially of record for the Specification of the above-identified application.

This submission of the enclosed second "Sequence Listing" in paper form copy is made pursuant to and in compliance with the requirements set forth in 37 C.F.R. 1.821-1.825 respectively. Applicants' undersigned attorney declares and verifies that this second amendment and requested formal entry of the second "Sequence Listing" in paper form copy is proper and correct in all respects; and that the enclosed second "Sequence Listing" in paper copy form is completely supported by the descriptive content and enabling disclosure of the Specification text originally filed September 2, 1998 as USSN 09/145,916.

In addition, applicants' undersigned attorney further declares and verifies that the enclosed second "Sequence Listing" submitted in paper form copy does not contain or include any New Matter; and that a second submission of a computer readable form (CRF) copy of the second "Sequence Listing" is also provided, the computer readable form (CRF) copy being identical in substantive content to the enclosed second paper form copy. Accordingly, this second paper form' copy "Sequence Listing", after being formally entered into and made part of the Specification, is to be transferred from the Applications Branch to the appropriate Group Art Unit and to the custody of the Patent Examiner of record; and the formally entered second paper form copy "Sequence Listings" shall now constitute part of the Specification text and may be employed by the Patent Examiner of record during the substantive prosecution of this application.



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